KISELEVA, Ye.V.; KARETNIKOV, G.S.; KUDRYASHOV, I.V.; BOTVINKIN, O.K., doktor khim.nauk, retsenzent; MAKOLKIN, I.A., doktor tekhn.nauk, retsenzent; MISHCHENKO, K.P., doktor khim.nauk, retsenzent; GRYAZNOV, V.M., red.; REZUKHINA, T.N., red.; ZAZUL'SKAYA, V.F., tekhn.red.

[Collection of illustrated physical chemistry problems and exercises] Sbornik primerov i zadach po fizicheskoi khimii. Moskva, Gos. nauchno-tekhn.izd-vo khim.lit-ry, 1960. 264 p. (MIRA 13:7)
(Chemistry, Physical and theoretical--Problems, exercises, etc.)

STREPIKHEYEV, Yu.A.; KARETNIKOV, G.S.; BARANOV, Yu.I.

Use of the ITR-1 interferometer for determining the hydrochloric acid content of phosgene. Zav.lab. 28 no.3:314-315 '62. (MIRA 15:4)

(Phosgene) (Hydrochloric acid) (Interferometry)

BURMISTROVA, Ol'ga Aleksandrovna; KARAPET'YANTS, Mikhail Khristoforovich, prof.; KARETNIKOV, German Sergeyevich, dots.; KISELEVA, Yekaterina Vasil'yevna, dots.; KUDRYASHOV, Igor' Vladimirovich, dots.; MIKHAYLOV, Vladimir Vasil'yevich, dots.; STAROSTENKO, Yekaterina Pavlovna, dots.; STREL'TSOV, Igor' Sergeyevich; KHACHATURYAN, Ol'ga Borisovna, dots.; GORBACHEV, S.V., doktor khim. nauk, prof., zasl. deyatel' nauki i tekhniki, red.; ALAVERDOV, Ya.G., red.; VORONINA, R.K., tekhn. red.

[Laboratory work in physical chemistry] Praktikum po fizicheskoi khimii. [By] O.A.Burmistrova i dr. Moskva, Vysshaia shkola, 1963. 553 p. (MIRA 16:11)
(Chemistry, Physical and theoretical---Laboratory manual)

KUZNETSOV, D.A.; KARETNIKOV, G.S.; [illegible], I.Ye.; [illegible], F.A.

Studying the interaction of K_2CO_3 with iron oxides. [illegible]
MKHTI no.47:119-124 '64. (Cont'd [illegible])

GRISHIN, L.V.; KUZNETSOV, D.A.; KARETNIKOV, G.S.; FURMER, I.E.; YEFIMOVA, N.M.

Determining the concentration of lubricating oils in gases. Trudy MKHTI no.47:174-177 '64. (MIRA 18:9)

KARETNIKOV, G.S.; SOROKINA, M.F.

Spectral and X-ray diffraction analysis of the product obtained by electrolysis of potash. Zhur. fiz. khim. 39 no.2:364-368 F '65. (MIRA 18:4)

1. Khimiko-tekhnologicheskiy institut Mendeleyeva.

KISELEVA, Yekaterina Vasil'yevna; KARGINKOV, German Sergeyevich; KUDRYASHOV, Igor' Vladimirovich; BOTVINKIN, O.K., doktor khim. nauk, retsenzent; MAKOLKIN, I.A., doktor tekhn. nauk, retsenzent; MISHCHENKO, K.P., doktor khim. nauk, retsenzent; GOL'DENBERG, G.S., red.

[Problems and examples in physical chemistry] Sbornik zadach i primerov po fizicheskoi khimii. Moskva, Vysshaia shkola, 1965. 275 p. (MIRA 18:7)

KARETNIKOV, G.S.

"Handbook of chemistry" by B.P. Nikol'skii. Zhur. fiz. khim. 38 no.5:1387-1389 My '64. (MIRA 18:12)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva.

KARETNIKOV, C.S.; KUDRYAVTSEV, N.T.; GOLOVCHANSKAYA, R.G.; Prinimala uchastiye RASSUDOVA, N.S., dotsent

Study of alkaline solutions of sodium metatitanate in the presence of glycerol. Zhur. fiz. khim. 39 no.9:2298-2300 S '65. (MIRA 18:10)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva.

KARETNIKOV, I.

KARETNIKOV, I.

Exploiting fully mining potentialities. Mast.ugl.3 no.7:3-4 Jl '54. (MLRA 7:7)

1. Nachal'nik shakhty No. 153 kombinata Voroshilovgradugol'. (Coal mines and mining)

SHALIMOVA, K.V.; PAVLOV, L.P.; KARETNIKOV, I.A.

Structure of the photocurrent spectra of polycrystalline cadmium sulfide folms. Fiz. tver. tela 6 no.2:351-353 F '64. (MIRA 17:2)

1. Moskovskiy energeticheskiy institut.

ACCESSION NR: AP4013487 S/0181/64/006/002/0351/0353

AUTHORS: Shalimova, K. V.; Pavlov, L. P.; Karetnikov, I. A.

TITLE: Structure of the spectra of the photocurrent in polycrystalline layers of cadmium sulfide

SOURCE: Fizika tverdogo tela, v. 6, no. 2, 1964, 351-353

TOPIC TAGS: photocurrent, polycrystalline layer, cadmium sulfide, modulated light, continuous light, semiconductor

ABSTRACT: This paper contains the results of investigations in the visible part of the spectrum. Experiments were made at room temperature and at the temperature of liquid nitrogen in both continuous and modulated light. Temperatures in the sublayer were varied from 200 to 500C. It was found that fine structure of the photocurrent spectrum is observed only in samples prepared on a sublayer with a temperature above 300C (sublayer temperatures were increased by intervals of 100C). The higher the temperature of the sublayer at the moment of sublimating the film, the sharper the structure. Maximums in the fine structure of photocurrent correspond exactly to minimums in the absorption structure. Maximums of

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ACCESSION NR: AP4013487

fine structure of the photocurrent spectrum obtained in modulated light correspond exactly to maximums obtained in continuous light. Orig. art. has: 2 figures.

ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Institute of Power Engineering)

SUBMITTED: 20Jun63 DATE ACQ: 03Mar64 ENCL: 00

SUB CODE: OP,EC NO REF SOV: 005 OTHER: 000

Card 2/2

L 24365-66 EWT(1)/EWT(m)/EPF(n)-2/T/EWP(t) IJP(c) JD/WW/JG/GG/AT

ACC NR: AP6008114 SOURCE CODE: UR/0139/66/000/001/0132/0136

AUTHORS: Shalimova, K. V.; Pavlov, L. P.; Karetnikov, I. A.

ORG: Moscow Power Engineering Institute (Moskovskiy energeticheskiy institut)

TITLE: Effect of crystal structure on the photoelectric properties of thin layers of cadmium sulfide

SOURCE: IVUZ. Fizika, no. 1, 1966, 132-136

TOPIC TAGS: crystal structure, photoelectric property, cadmium sulfide, photoconducting film, spectral distribution, temperature dependence

ABSTRACT: In view of the lack of published data on the effect of the technology of film preparation on the photoelectric properties of films, the authors have investigated the properties of polycrystalline cadmium sulfide films obtained by thermal evaporation in vacuum, and compared these data with those obtained by x-ray structure and electron-diffraction analysis. The samples were prepared by

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ACC NR: AP6008114 18

thermal evaporation of spectrally pure cadmium sulfide powder in vacuum at a pressure 10^{-5} mm Hg on glass or quartz substrates. The substrate temperature ranged from 80 to 500C. The photocurrent spectra were measured at room temperature in continuously applied light using an optical system with double monochromatization; the results were automatically recorded with an electronic potentiometer (EPP-09). The error due to the inertia of the CdS layer was reduced by recording the spectrum at a very slow rate. The spectral distribution of the photocurrent, the absolute and relative photosensitivity, and the relaxation time exhibited a strong dependence on the substrate temperature. The higher the temperature, the higher the relative photosensitivity and the smaller the absolute photosensitivity and the smaller the time constant. These differences were related with the number of defects in the polycrystalline layers and with their phase composition. Annealing the layers decreased the photosensitivity in a wide spectral range. This also points to the influence of the phase composition. The maximum of the spectral distribution was close to 550 nm. With increasing percentage of the cubic phase in the cadmium sulfide, the maximum shifted towards longer wavelengths,

L 24365-66
ACC NR: AP6008114

since the maximum of the cubic modification was located near 550 nm. Orig. art. has: 3 figures and 1 table.

SUB CODE: 20/ SUBM DATE: 05Jan64/ ORIG REF: 004/ OTH REF: 004

Card 3/3 pla

KARETNIKOV, P.S.

Out of my experience as a physics teacher in schools for working youth. Fiz.v shkole 20 no.1:86-89 Ja-F '60.
(MIRA 14:10)

1. 1-ya shkola rabochey molodezhi, Minsk.
(Physics--Study and teaching)

BOLOTOV, M.P.; KARETNIKOV, P.V.

Photocolorimetric determination of mineral phosphorus. Lab. delo. no.1:30-33 '65. (MIRA 18:1)

1. Kafedra gigiyeny pitaniya (zaveduyushchiy - prof. M.P. Bolotov) Irkutskogo meditsinskogo instituta.

KARETNIKOV, S., inzhener.

Utilization of grain dryers has been improved. Muk.-elev.prom.22 no.6:26-28 Je '56. (MLRA 9:9)

1. Bashkirskaya kontora Zagotserno.
(Grain--Drying)

KARETNIKOV, S.

We are converting grain dryers to liquid fuel. Muk.-elev. prom. 28 no.12:25 D '62. (MIRA 16:1)

1. Glavnyy inzh. Bashkirskogo upravleniya khleboproduktov.
(Bashkiria--Grain--Drying)

KARETNIKOV, S.

Installing truck dumpers in old grain-receiving restablishments.
Muk.-elev.prom. 22 no.7:25 Jl '56. (MIRA 9:9)

1.Bashkirskaya kontora Zagotzerno.
(Dumpling appliances)

KARETNIKOV, V.G.

Minima of RZ Cassiopeiae. Astron. tsir. no.201:14 Ap '59.
(MIRA 13:2)

1.Odesskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.

(Stars, Variable)

KARETNIKOV, V.G.

TV Cassipeiae. Astron.tsir. no.205:24-25 O '59. (MIRA 13:6)

1. Odesskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo otdeleniya.
(Stars, Variable)

KARETNIKOV, V.G.

Minima of some Algol-type stars. Astron.tsir. no.207:16-17 D '59.
(MIRA 13:6)

1. Odesskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Stars, Variable)

KARETNIKOV, V.G.

Minima of RZ Cassiopeiae. Astron.tsir. no.207:16 D '59.
(MIRA 13:6)

1. Odesskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Stars, Variable)

KARETNIKOV, V.G.; GRIGOREVSKIY, V.M.

Observations of nova Herculis 1960. Astron.tsir. no.216:3-4 D '60. (MIRA 14:4)

1. "Mayaki" Odesskaya astronomicheskaya observatoriya.
(Stars, New)

KARETNIKOV, V.G.

Minima of eclipsing variable stars. Astron. tsir. no.215:19-20 O '60. (MIRA 14:3)

1. Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

KARETNIKOV, V.G.

Period of V 508 Ophiuchi. Astron.tsir. no.216:24 D '60.
(MIRA 14:4)

1.Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

KARETNIKOV, V.G.

Minima of i Boötis and AK Herculis. Astron.tsir. no.216:25-26 D '60. (MIRA 14:4)

1. Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

KARETNIKOV, V.G.

Minima of six eclipsing variables. Astron. tsir. no.217:13-14 D '60.
(MIRA 14:3)

1. Odesskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Stars, Variable)

S/035/62/000/006/044/064
A001/A101

3.1300

AUTHORS: Karetnikov, V. G., Grigorevskiy, V. M.

TITLE: The practice of determining the theoretical curve of brightness variation for satellite 1957 β

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 6, 1962, 76, abstract 6A586 ("Byul. st. optich. nablyudeniya iskusstv. sputnikov Zemli", 1960, no. 12, 27 - 29, English summary)

TEXT: The authors computed the theoretical curve of brightness variation for satellite 1957 β using the following materials: The function of brightness variation of a diffuse-reflecting cylinder derived by V. P. Tsesevich (RZhAstr, 1960, no. 8, 8112), data on coordinates of the trace on the celestial sphere of the rotational axis of the second Soviet satellite obtained by V. M. Grigorevskiy (abstract 6A585), and some additional assumptions. The theoretical curve agrees with the observed one.

[Abstracter's note: Complete translation]

Card 1/1

KARETNIKOV, V.G.

Minima of V 566 Ophiuchi. Astron.tsir. no.223:22-23 Jl '61.
(MIRA 15:3)

1. Odesskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.

(Stars, Variable)

KARETNIKOV, V.G.

Maxima of short-period Cepheids. Astron.tsir. no.225:13 S '61.
(MIRA 16:1)

1. Odesskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.

(Cepheids)

KAMENSHKOV, V.G.

Observations of four Algol-type stars. Per.zvezdy 13 no.6:420-427 '61. (MIRA 16:9)

1. Odesskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.

(Stars, Variable)

KARETNIKOV, V.G.

Visual observations of three eclipsing variable stars. Per.zvezdy 14 no.1:38-45 Ja '62. (MIRA 17:3)

1. Odesskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.

KARETNIKOV, V.G.

The eclipsing binary TV Cassiopeiae. Per. zvezdy 14 no.6:513-516 D '63. (MIRA 18:5)

1. Odesskiy gosudarstvennyy universitet.

SOURCE CODE: UR/0269/66/000/003/0029/0029

ACC NR: AR6020759

AUTHOR: Karetnikov, V. G.; Medvedev, Yu. A.

TITLE: Electrophotometric observation of DY Pegasi

SOURCE: Ref. zh. Astronomiya, Abs. 3.51.248

REF SOURCE: Peremenenyye zvezdy, v. 15, no. 3, 1964, 268-277

TOPIC TAGS: variable star, photometric analysis, telescope, optic brightness

ABSTRACT: The photoelectric observations of DY Pegasi were conducted from July to October 1963, using the 8-inch refracting telescope of the Odessa Observatory. Two hundred and fifteen brightness evaluations were made. The comparison stars were BD+16°4878 and BD+16°4876. Ten maxima were determined, and a correlation was discovered between the width of the maxima and the brightness of variable stars at the maxima. Variations of the parameters of the brightness curve (the altitude of the maximum, the depth of the minimum, the M-m, and the shape of the brightness curve) which underwent appreciable changes, were studied. Brightness graphs corrected for the atmospheric absorption are given. The change of brightness at the maximum was greater than at the minimum. The value of the secondary period was refined to P = 0d.255413. Bibliography of 5 titles. N. Perova. [Translation of abstract]

SUB CODE: 03

UDC: 523.841.3

Card 1/1

ACC NR: AR6020759 SOURCE CODE: UR/0269/66/000/003/0029/0029

AUTHOR: Karetnikov, V. G.; Medvedev, Yu. A.

TITLE: Electrophotometric observation of DY Pegasi

SOURCE: Ref. zh. Astronomiya, Abs. 3.51.248

REF SOURCE: Peremenenyye zvezdy, v. 15, no. 3, 1964, 268-277

TOPIC TAGS: variable star, photometric analysis, telescope, optic brightness

ABSTRACT: The photoelectric observations of DY Pegasi were conducted from July to October 1963, using the 8-inch refracting telescope of the Odessa Observatory. Two hundred and fifteen brightness evaluations were made. The comparison stars were BD+16°4878 and BD+16°4876. Ten maxima were determined, and a correlation was discovered between the width of the maxima and the brightness of variable stars at the maxima. Variations of the parameters of the brightness curve (the altitude of the maximum, the depth of the minimum, the M-m, and the shape of the brightness curve) which underwent appreciable changes, were studied. Brightness graphs corrected for the atmospheric absorption are given. The change of brightness at the maximum was greater than at the minimum. The value of the secondary period was refined to P = 0^{d}.255413. Bibliography of 5 titles. N. Perova. [Translation of abstract]

SUB CODE: 03

Card 1/1 UDC: 523.841.3

CA KARETNIKOV, Yu. P. 18

Formation of sodium sulfate scale on a heated surface in the presence of chemically active reagents K. N. Shabalin and Yu. P. Karetnikov. *Zhur. Prikład. Khim.* 24, 11-14 (1951).—To avoid scale formation, the sulfate soln. should be neutralized and freed from oxidizing agents prior to contact with a hot surface.
B. Z. Kamich

Ural Sci Res. Inst. of Chemistry.

KARETNIKOV, Yu. P.

USSR/Physics - Thermodynamics of heat transfer to films FD-591

Card 1/1 : Pub 153-3/22

Author : Karetnikov, Yu. P.

Title : Investigation of heat transfer to the film of a boiling fluid

Periodical : Zhur. tekh. fiz., 24, 193-199, Feb 1954

Abstract : Investigates vapor formation in downward flowing water films. Describes and gives schematic diagram of apparatus used. Experimental data prove the advantage of water film equipment for irrigation. Indebted to K. N. Shabalin. 5 references.

Institution :

Submitted : March 25, 1953

KARETNIKOV, YU. P.

Conditions for uniform distribution of a liquid in packed towers. Yu. P. Karetnikov and K. P. Z[illegible]. *Khim. Nauka i Prom.* [illegible].—The distribution of H_2O, 96% H_2SO_4, and $CaCl_2$ solns. (d. 1.28–1.3) falling from one central nozzle at rates from 5 to 50 l./min. was detd. for different heights of stacked and random packing in towers 80 cm. diam. and 60 cm. high and 80 cm. diam. and 1400 cm. high. The distribution was more uniform in random packing than in stacked packing. Under all conditions the liquor front was parabolic rather than cone-like. The curvature increased with the liquor rate but the change was small in the 5–50 l./min. range. The distribution spread toward the walls up to a depth of packing of 75–100 cm. and then remained uniform at greater depths. I. Bencowitz.

Distr: 4E2j

KARETNIKOV, Yu.P.; TARASOVA, V.N.

Effect of the movement of the medium on incrustation during the crystallization of salts. Zhur. prikl. khim. 34 no.2:282-287 F '61. (MIRA 14:2)

(Crystallization)

KARETNIKOV, Yu.P.; TARASOVA, V.N.; ZHIDILEVA, K.P.

Boiling points of sodium sulfide solutions. Zhur.prikl.khim. 34 no.3:682-684 Mr '61. (MIRA 14:5)
(Sodium sulfide)

KARETNIKOVA, A., inzhener.

Applying the A-equalizer in dyeing used clothes. Prom.koop. no.11: 19-21 N '55. (MLRA 9:5)
(Dyes and dyeing)

KARETNIKOVA, I. B.

Rodionov, S. F., Pavlova, E. N., Karetnikova, I. B. The photon counter with an antimony-cesium cathode. P. 657.

Leningrad State University
July 21, 1950

SO: Journal of Experimental and Theoretical Physics, Vo. 21, No. 5, May 1951

KARETNIKOVA, K.A.

Temperature characteristics of seasons of Central Asia obtained at the meteorological station Tashkent Observatory. Trudy Inst.eat. i mekh.AN Uz.SSR no.12:19-36 '53. (MLRA 8:1)
(Tashkent--Atmospheric temperature)

KARETNIKOVA, K.A.

Synoptic-climatic regionalization of Central Asia for the purpose of long-range weather forecasting. Nauch. trudy TashGU no.236 Geog. nauki no.28:273-288 '64.

(MIRA 18:7)

KAT[illegible], I. Ya. [illegible]

22090 K[illegible]ova, I. Ya. i [illegible]chil, A.I. O [illegible]noy [illegible] [illegible], 19[illegible], No. [illegible], s. [illegible]

SO: [illegible] Zhurnal'nykh Statey, No. [illegible], [illegible], 19[illegible].

KARETNIKOVA, V.S. [Karetnykova, V.S.]

Selecting the size of enterprises for the production of boron fertilizers. Khim. prom. no.4:66-67 O-D '64. (MIRA 18:3)

SHTYKALEV-KATANOV, N.G. (stantsiya Agryz, Gor'kovskoy zheleznoy dorogi, ul. Pushkina, d.5., kv. 24); KARP'NY', I.I.

Case of erroneous surgery in a patient with hemophilia. Vest. khir. 90 no.5:139 My '63 (MIRA 17:5)

1. Iz khirurgicheskogo otdeleniya (nachal'nik - N.G.Shtykalev-Katanov) otdelencheskoy bol'nitsy (nachal'nik - N.A. Mukhametova) stantsii Agryz Gor'kovskoy zheleznoy dorogi.

KARETNYY, V.M.; ZHUKOV, A.V.

Purification of heparin preparations from sodium. Lab. delo no.9:530-531 '64. (MIRA 17:12)

1. Kafedra propedevtiki detskikh bolezney (zaveduyushchiy - prof. V.A. Vlasov), filial TSentral'noy nauchno-issledovatel'skoy laboratorii (zaveduyushchiy A.V. Zhukov) II Moskovskogo meditsinskogo instituta im. N.I. Pirogova i Gorodskaya detskaya klinicheskaya bol'nitsa No.13 im. N.F. Filatova (glavnyy vrach L.A. Vorokhobov), Moskva.

KATETOV, Miroslav

16

Katětov, Miroslav. Complete normality of Cartesian products. Fund. Math. 35 (1948), 271–274. (1949).

Points out that the results such as the following are proved. (1) If the compact Hausdorff space P_1 is not metrizable, then P_1 is not completely normal. It is unknown whether one can here replace "P_1" by "P_n". (2) If $P_1, P_2, \cdots$ are Hausdorff spaces and $P_1 \times \cdots \times P_n$ is perfectly normal (i.e., normal and such that each closed set is a G_δ) for every n, then $P_1 \times \cdots \times P_n \times \cdots$ is perfectly normal. Examples are given, one showing that $P \times P$ can be perfectly normal although P is not. R. Arens (Los Angeles, Calif.).

Source: Mathematical Reviews, 9/ Vol 10 No. 5

BURMISTROV, V.K.; ANDREYEV, Yu.A.; VOINAY, A.D.; KARAVAYEVA, S.P.; LATYSHEV, G.D.; KOVRIGIN, O.D.

Decay of the chain $Cl^{134} - La^{134} - Ba^{134}$. Izv. AN SSSR Ser. fiz. 29 no.1:144-150 Ja '65. (MIRA 18:2)

KARETSKAS, L. [Kareckas, L.]

Producing mixed feeds with vitamin rich hay meal in Lithuania.
Muk.-elev.prom. 25 no.9:10 S '59. (MIRA 12:12)

1. Nachal'nik Glavnogo upravleniya khleboproduktov pri Sovete Ministrov Litovskoy SSR.
(Lithuania--Feeds) (Hay as feed)

L 32890-65 EWT(m) DIAAP

ACCESSION NR: AP5004537 S/0048/65/029/001/0144/0150

AUTHOR: Burmistrov,V.R.; Andreyev,Yu.A.; Vongay,A.D.; Karetskaya,S.P.; Latyshev, G.D.; Kovrigin, O.D.

TITLE: Investigation of the Ce^{134}-La^{134}-Ba^{134} decay chain /Report, 14th Annual Conference on Nuclear Physics held in Tbilisi 14-22 Feb 1964/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.29, no.1, 1965, 144-150

TOPIC TAGS: nucleus, energy level, beta decay, positron, gamma spectrum, cerium, lanthanum, barium

ABSTRACT: The Ce^{134}-La^{134}-Ba^{134} decay chain was investigated by direct measurement of the positron, γ ray and internal conversion spectra and by observation of the γ-γ and positron-γ coincidences. The source was prepared by 2 hour bombardment of a tantalum target with 660 MeV protons and subsequent chromatographic separation of the cerium fraction. The positron spectra were observed with a double focusing beta spectrometer having a resolution of 9% and also, in coincidence with γ rays, with a 3 cm diameter stilbene scintillator. The energy analysis of the coinciding radiations was performed by the usual fast-slow coincidence technique with a resolving

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ACCESSION NR: AP5004537

time of 4 x 10^{-8} sec in the fast channel. The observed spectra are presented graphically and are discussed in some detail. The positron spectrum was resolved into three components with maximum energies of 1.01, 1.3 and 2.38 MeV respectively. The intensity of the 1.8 MeV positron emission was very low, and this component was observed only in coincidence with 0.6 MeV γ rays. The intensity of the 1.01 MeV positron component was 18% of the total. These three positron components and two γ transitions of 0.605 and 1.47 MeV energy are attributed to the decay of La^{134} in accord with the work of B.Stover (Phys.Rev.81,8,1951) and R.K.Girgis and R.Lieshout (Nucl.Phys.12,672,1959). The 1.47 MeV γ transition is associated with a level excited by the 1.01 MeV positron decay. The possibility of a 10% systematic error in the positron energy measurements is mentioned in a note added in proof. "The authors thank A.F.Novgorodov for performing the chemical separation of the cerium fraction." Orig.art.has: 7 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00/--Jan65 ENCL: 00 SUB CODE: NP

NR REF SOV: 003 OTHER: 002

Card 2/2

KARETSKAYA, T. A.

Electron microscope investigation of SiO_2 sols. Z. Ya. Berestneva, T. A. Karetskaya, and V. A. Kargin. Kolloid. Z., 11, 369 (1949); Brit. Ceram. Abstracts, 49 (10) 448 (1950).

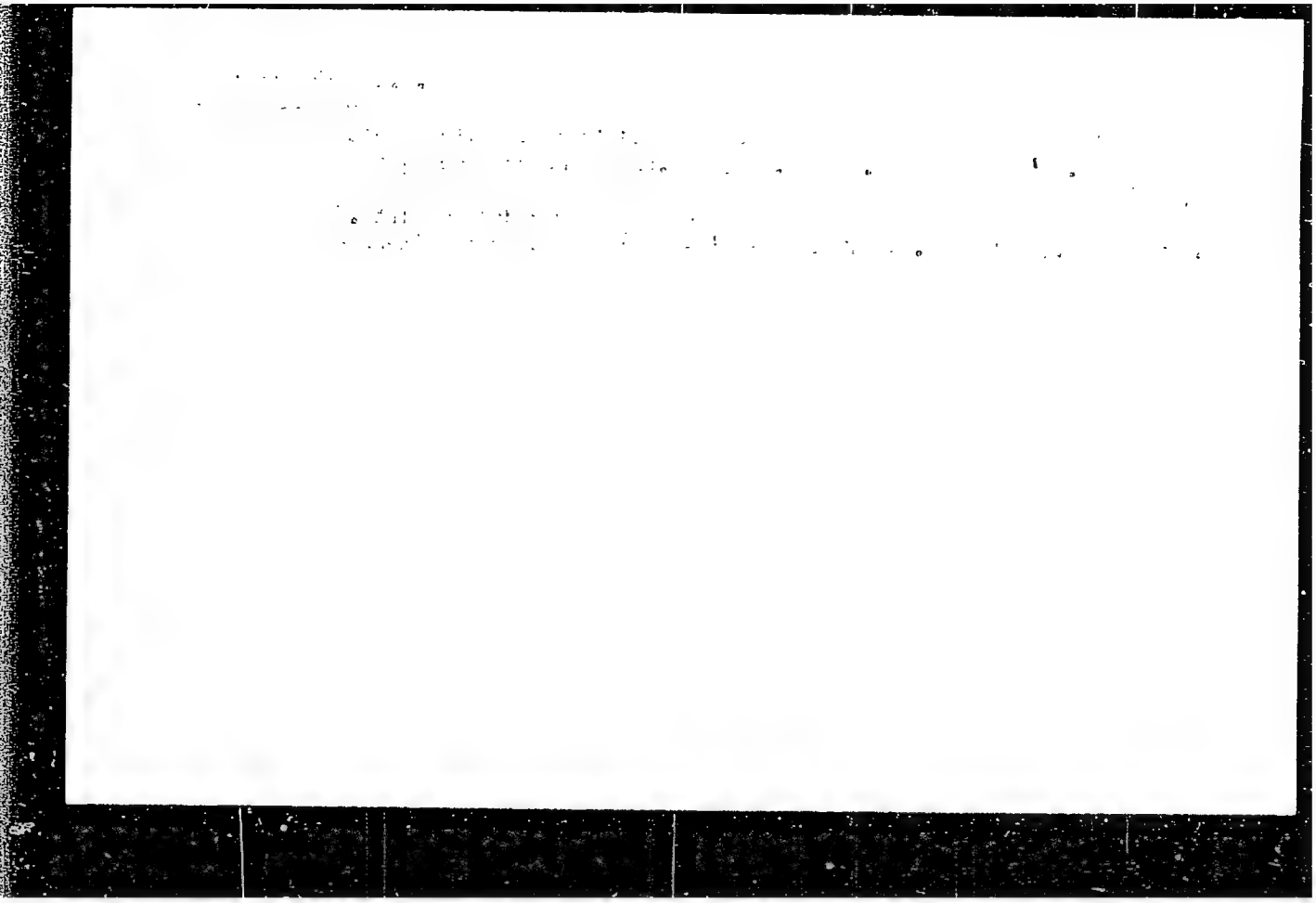
The purpose of this study was to find out whether SiO_2 can be present in true solution in acid media as it is present in alkaline solutions. The electron microscope was used, and it was concluded that in colloidal solutions of SiO_2 prepared by different methods, the SiO_2 is present in a colloidal state as well as being actually dissolved, not only in alkaline but also in acid solutions. However, the equilibrium between the colloidal and dissolved parts is greatly changed on passing from the alkaline to the acid condition. 9 figures.

Immediate source clipping

BARANOVA, I.V.; KARETSKIY, L.A.

Treatment of pulmonary tuberculosis by means of extrapleural pneumothorax. Sov.med. 25 no.6:115-120 Je '61. (MIRA 15:1)

1. Iz kafedry tuberkuleza Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova (nachal'nik - prof. V.M.Novodvorskiy [deceased]) i 2-go tuberkuleznogo otdeleniya bol'nitsy imeni Kuybysheva (zav. - kand.med.nauk A.L.Guterman).
(PNEUMOTHORAX) (TUBERCULOSIS)



KAREV, A., inzhener.

Homogeneity of grain batches contributes to increased output and higher quality of flour. Muk.-elev.prom. 20 no.2:14-15 F '54. (MLRA 7:7)

1. Moskovskaya mel'nitsa No. 3.
(Wheat milling) (Flour)

KAREV, A., inzhener.

Conditioning of grain. Muk.-elev.prom. 20 no.3:18-23 Mr '54.
(Grain milling) (MLRA 7:7)

KAREV, A. (Kiyevskaya oblast', st.Boyarka)

Improved circuits of autotransformers. Radio no.9:40 S '62.
(MIRA 15:9)
(Electric transformers)

GLUSHKO, V.V., inzh.; KAREV, A.P., inzh.

Protection device for electric networks in mines. Bezop.truda v prom. 6 no.6:16-17 Je '62. (MIRA 15:11)

1. Luganskiy institut avtomatiki.
(Electricity in mining--Safety measures)

GLUSHKO, V.V., inzh.; KAREV, A.P., inzh.; ZROZHEVSKIY, I.N., inzh.; GERTSENSHTEYN, D.I., inzh.

Protection of the insulation of electrical networks in mines. Prom.energ. 18 no.1:13-17 Ja '63. (MIRA 16:4)
(Electricity in mining)

GLUSHKO, V.V.; GERTSENSHTEYN, D.I.; KAREV, A.P.

AFV-RU apparatus for protection of electrical networks in mines.
Energ.i elektrotekh.prom. no.4:38-41 O-D '62. (MIRA 16:2)
(Electricity in mining--Safety measures)
(Electric protection)

GLUSHKO, V.V.; KAREV, A.P.; LEVENETS, V.P.

Noncontact remote control of magnetic starters of mining machinery and mechanisms. Avtom. i prib. no.4:16-17 O-D '63.
(MIRA 16:12)

1. Luganskiy filial Instituta avtomatiki Donetskogo soveta narodnogo khozyaystva.

KAREV, A.T.

Visual aid for the demonstration of multidimensional projection.
Politekh. obuch. no.5:65-67 My '58. (MIRA 11:5)
(Mechanical drawing--Instruction)

S/131/60/000/008/007/009/XX
B021/B054

AUTHORS: Karev, B. D. and Kadolin, A. S.

TITLE: Mechanization of Time- and Power-consuming Work, and Use of Air Blast in Cupola Furnaces

PERIODICAL: Ogneupory, 1960, No. 8, pp. 371-373

TITLE: At the Yamskiy kombinat (Yam Combine), the cupola furnaces were operated with natural air current and manual discharge of the burned dolomite, which required a great number of workers. The capacity of the cupola furnaces was 80,000 t a year with a staff of 230 workers. Mechanization of production was started in 1955. Upon suggestion by B. D. Karev, devices for discharging the burned dolomite were installed. On the authors' suggestion, the cupola furnaces were adjusted for low-pressure blowers in 1958-59. Mechanization and conversion to blowers ensured a continuous discharge of dolomite. The formation of melts was eliminated, fuel consumption reduced by 35%, and the capacity of furnaces was increased. The output of the department increased by 300%. More than 2,000,000 rubles

Card 1/2

Mechanization of Time- and Power-consuming Work, and Use of Air Blast in Cupola Furnaces

S/131/60/000/008/007/009/XX
B021/B054

a year were saved owing to the above-mentioned measures. There are 1 figure and 1 Soviet reference.

ASSOCIATION: Yamskiy dolomitnyy kombinat
(Yam Dolomite Combine)

Card 2/2

KAREV, D.

For the larg-scale chemical industry. Prof.-tekh.obr. 17 no.2:16 F '60.' (MIRA 13:6)

1. Direktor remeslennogo uchilishcha No.1, Gor'kiy.
(Gorkiy--Machinery industry)

KUZNETSOV, DMITRIY STEPANOVICH

Demokraticheskiye osnovy organizatsii i deyatel'nosti sovetskogo suda (Democratic foundations of the organization and achievement of the Soviet court of justice) Moskva, Gosyurizdat, 1951. 63 p.

N/5
106
.K12

KAREV, D. S.

N/5
105.25
.S7

SOVETSKIY UGOLOVNYY PROTSESS. POD

REDAKTSIYEY D. S. KAREVA. MOSKVA,

GOSYURIZDAT, 1956.

415 P.
BIBLIOGRAPHY: P. 410-412

KAREV, D.S.

AUTHOR: Karev, D.S., Doctor of Juridical Sciences, Professor, President of the Preparatory Commission of the International Seminar of Students of Law 3-10-26/30

TITLE: An Atmosphere of Frankness and Mutual Confidence (V obstanovke otkrovennosti i vzaimnogo doveriya)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 10, pp 81-84 (USSR)

ABSTRACT: The author gives a description of the seminar of students of law which took place during the VIth Youth Festival. There were 276 delegates from 61 countries.

The seminar was opened by a paper read by professor S.B. Krylov "Principles and Norms of International Law in the UNO Statutes". This lecture met with great interest.

The questions of an English delegate on the Soviet intervention in Hungary met with great disapproval.

V.S. Orlov, candidate of Juridical Sciences, read a paper on "The Struggle For the Liquidation of Youth Criminality in USSR". This lecture was discussed and commented on by numerous delegates. The last day of the seminar was concentrated on the exchange of information relating to juri-

Card 1/2

An Atmosphere of Frankness and Mutual Confidence

dical education in various countries.

3-10-26/30

AVAILABLE: Library of Congress

Card 2/2

KAREV, Dmitriy Stepanovich

Organizatsiya suda i prokuratury v SSSR. Moskva, Gosyurizdat, 1961.
308 p. Diagrs.
At head of title: Moskovskiy Gosudarstvennyy Universitet.
Includes bibliographical references.

KAREV, F.I.; ZELENETSKAYA, L.V., red.; SAYTANIDI, L.D., tekhn. red.

[Small-scale mechanization in the orchard] Malaia mekhanizatsiia v sadu. Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1960. 38 p. (MIRA 14:9)

(Fruit culture—Equipment and supplies)

KAREV, G.

USSR / Farm Animals. Reindeer. U-4

Abs Jour : Ref Zhur - Biologiya, No 16, 1957, 72078

Author : Karev, G., and M.
Title : The Feeding and Pasturage of the Northern Deer.

Orig Pub : L. Sel'khogis, 1956

Abstract : No abstract

Card : 1/1

SOV/124-58-3-2908

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 3, p 50 (USSR)

AUTHOR: Karev, G. A.

TITLE: On the Engagement of Siphon Spillways (O vklyuchenii sifonnykh vodosbrosov v rabotu)

PERIODICAL: Sb. nauchn. tr. Tomskogo inzh.-stroit. in-ta, 1957, Vol 2, pp 97-123

ABSTRACT: The author examines in detail the process of the engagement of a siphon spillway, dividing complete as well as partial engagement into three forms: 1) Continuous without air suction; 2) continuous with air suction; 3) intermittent or stepwise, with periodical air suction. The basic factors which determine the process of engagement are: 1) The sensitivity of the siphon spillway upon its engagement (by this term the author designates the ability of the siphon "to achieve a certain degree of approximation between the discharge accomplished by it during the process of engagement and the corresponding magnitudes of the inflow" into the head water); 2) the initial inlet flow rate and the intensity of its rise in the head water during the process of engagement; 3) the nature of the change

Card 1/2

SOV/124-58-3-2908

On the Engagement of Siphon Spillways

of the accumulative capacity of the head water above the normal level corresponding to the beginning of the engagement of the siphon.

V. V. Fandeyev

Card 2/2

SOV/98-58-12-11/21

AUTHORS: Tikhiy, M.I., Doctor of Biological Sciences and Karev, G.A., Candidate of Technical Sciences

TITLE: The Utilization of Navigable Sluices as Passages for Letting Fish Through (Ispol'zovaniye sudokhodnykh shlyuzov kak rybopropusknykh sooruzheniy)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1958, Nr 12, pp 41 - 42 (USSR)

ABSTRACT: This is a review of an article by Engineer Z.M. Kipper (Gidrotekhnicheskoye stroitel'stvo, 1957, Nr 10) on the utilization of navigable sluices as passages for fish. The authors object to the opinion expressed by Engineer Z.M. Kipper, saying that it will not work. There is 1 Soviet reference.

Card 1/1

KARBV, Grigoriy Andreyevich, zhurnalist; ARISTOV, V.I., red.; KUZ'MIN, I.F., tekhn.red.

[In the ocean deep] V morskoi puchine. Moskva, Voen.izd-vo M-va oborony SSSR, 1961. 30 p. (MIRA 15:5)
(Diving, Submarine)

KAREV, G.I.

Moisture capacity of forage lichens. Bot.zhur.40 no.5:705-709 S-O '55. (MLRA 9:4)

1.Nar'yanmarskaya olenevodcheskaya zonal'naya stantsiya instituta polyarnogo zemledeliya, zhivotnovodstva i promyslovogo khozyaystva, Nar'yan-Mar.

(Lichens)

KAREV, G.I.

A short biosecological description of species of trees of the forest tundra in eastern European Russia. Rast.Krain.Sev. SSSR i ee osv. no.1:61-69 '56. (MLRA 10:2)

1. Nauchno-issledovatel'skiy institut polyarnogo zemledeliya, zhivotnovodstva i promyslovogo khozyaystva.
(Naryan-Mar region--Trees)

KAREV, G.I.; KOCHEVYKH, V.P.

Ascorbic acid content of forage lichens of the tundra. Bot.zhur. 47 no.11:1686-1688 N '62. (MIRA 16:1)

1. Sel'skokhozyaystvennaya stantsiya g. Nar'yan-Mar i Leningradskiy sel'skokhozyaystvennyy institut, Pushkin.
(Lichens) (Ascorbic acid)

ALEKSANDROVA, V.D.; ANDREYEV, V.N.; VAKHTINA, T.V.; DYDINA, K.A.; KALEV, G.I.
PETROVSKIY, V.V.; SHAMURIN, V.F.

[Forage characteristics of the plants of the Far North] Kormovaia kharakteristika Krainego Severa. Moskva, Nauka, 1964. 483 p.
(Rastitel'nost' Krainego Severa SSSR i ee primenenie, no.5).
(MIRA 18:1)

KAMAEV, O.F.; TRESKOV, S.A.; FRIDMAN, G.Sh.

Estimation of the complexity of a function of algebra of logic. Dokl. AN SSSR 165 no.4:744-747 D '65.

(MIRA 19:1)

1. Institut matematiki Sibirskogo otdeleniya AN SSSR. Submitted April 13, 1965.

KIRILLOV, I., inzh.; PASHKOV, N., inzh.; SOLOV'YEV, V., inzh.; KAREV, I.

Readers' comments on V.S.Bondarenko's article "Improve the inspection of boiler units." Bezop.truda v prom 3 no.9: 23-24 S '59. (MIRA 13:2)

1. Upravleniye Severo-Zapadnogo okruga Gosgortekhnadzora RSFSR (for Kirillov, Pashkov, Solov'yev). 2. Zamestitel' predsedatelya Komiteta Gosgortekhnadzora Azerbaydzhanskoy SSR (for Karev).
(Boiler inspection) (Bondarenko, V.S.)

KAREV, I. (Odessa)

Useful practices in technical education of workers. NTO no.8:40-41 Ag '59. (MIRA 12:11)

(Technical education)

KAREV, I.

Soviet exhibition in Paris. Vnesh.torg. 41 no.12:36a-36c '61.
(MIRA 14:11)

(Paris—Exhibitions) (Russia—Industries)

KAREV I. P.

25(1) PHASE I BOOK EXPLOITATION SOV/1500

Vasilevskiy, P. F., B.B. Gulyayev, D.P. Ivanov, V.V. Ioda, I.P. Karev, G.I. Kletskin, A.G. Korotkov, A.S. Murakhin, Yu.A. Nekhendzi, P.G. Petrov, and M.A. Smelov

Liteynaya tekhnika; 2-ya Mezhdunarodnaya vystavka liteynoy tekhniki i liteynyye tsekhi FRG i GDR (Foundry Technology; Second International Exhibition of Foundry Technology and the Foundries of the FRG and GDR) Moscow, Mashgiz, 1958. 212 p. 3,500 copies printed.

Ed.: P.F. Vasilevskiy; Ed. of Publishing House: A.I. Sirotin, Engineer; Tech. Ed.: A.Ya. Tikhanov; Managing Ed. for Literature on Heavy Machine Building (Mashgiz): S.Ya. Golovin, Engineer.

PURPOSE: The purpose of this book is to acquaint readers with new developments in foundry technology as presented at the 23rd International Congress of Foundrymen held in Duesseldorf, Germany in 1956.

COVERAGE: The Soviet delegation under the leadership of P.G. Petrov, Engineer, and his deputy D.P. Ivanov, along with nine other engineers, attended the Congress of

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Foundrymen and the Foundry Exhibition held in Duesseldorf September 1 to 9, 1956. In this book the delegates present a joint report on the state of art in the foundries and research institutes which they visited. The book contains many photographs and diagrams of the machinery and equipment used in foundries and also photographs of finished foundry products. Illustrations accompany the technical descriptions and technical data. One chapter deals with leading German foundries and the major automotive and machine-building plants which maintain their own foundries. Another chapter deals with research and scientific institutes in Germany in which problems of melting and casting are studied. Finally, the authors attempt to evaluate German methods and techniques and compare them with their own. There are no references.

TABLE OF CONTENTS:

KAREV, I. S.

"On the Possibility of Increasing the Resistance of the Organism to the Action of Harmful Environmental Factors" by K. G. Vasil'yev, I. S. Karev, Honored Worker of Science RSFSR Prof. N. V. Lazarev, Senior Scientific Associate Ye. I. Lyublina, and V. G. Ovcharov (Leningrad); Chair of Pharmacology, Pharmacy, and Pharmocognosy; Military-Medical Order of Lenin Academy imeni S. M. Kirov, and the Toxicological Laboratory of the Leningrad Institute of Labor Hygiene and Occupational Diseases; Gigiyena Truda i Professional'nyye Zabolevaniya, Vol 1, No 2, Mar/Apr 57, pp 19-24

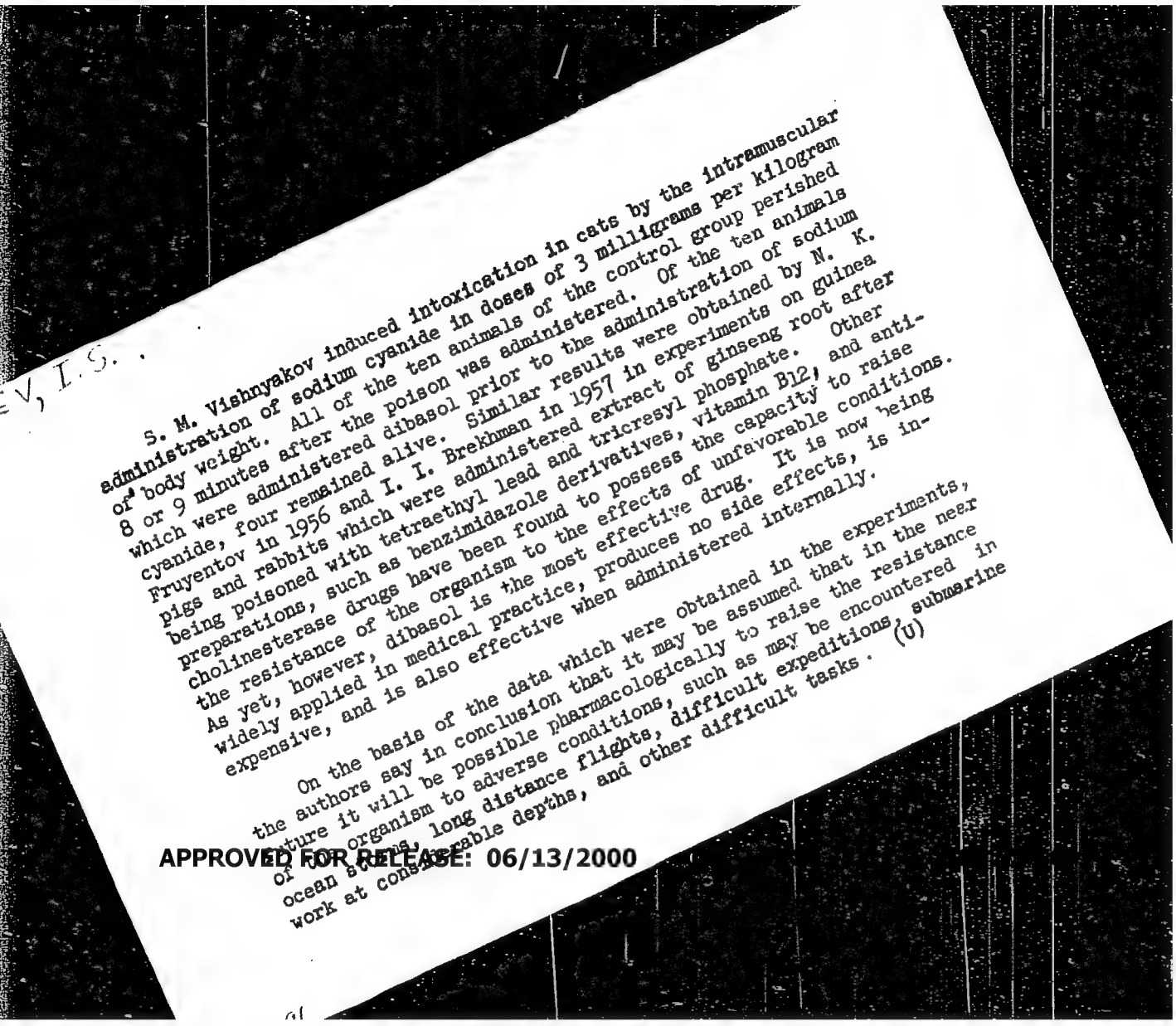
Reports results of experiments carried out to determine the effectiveness of dibasol and an extract of ginseng root when used to increase the resistance of the organism to the harmful environmental effects. V. G. Ovcharov used the drugs to increase the tolerance of white mice to high altitudes. I. S. Karev applied dibasol and extract of ginseng root in white mice in order to increase their resistance to the harmful effects of rarified atmosphere. K. G. Vasil'yev and Ye. I. Lyublina conducted experiments which sought the prevention of undesirable effects caused by rapid changes in the position of the organism. In all cases the application of dibasol and extract of ginseng root proved to be highly beneficial.

Sum. 1391

KAREV, I. S.

Experiments to determine the protective action of dibasol in intoxications were conducted by E. N. Levina and Ye. I. Lyublina in 1953. Intoxication was induced in white mice by the subcutaneous administration of manganese chloride in doses of 80 to 160 milligrams per kilogram body weight. Simultaneously dibasol was administered to the animals. Only four of the 25 experimental animals died, while 13 of a similar number of control animals perished.

Sum. 137



S. M. Vishnyakov induced intoxication in cats by the intramuscular administration of sodium cyanide in doses of 3 milligrams per kilogram of body weight. All of the ten animals of the control group perished 8 or 9 minutes after the poison was administered. Of the ten animals which were administered dibasol prior to the administration of sodium cyanide, four remained alive. Similar results were obtained by N. K. Fruyentov in 1956 and I. I. Brekhman in 1957 in experiments on guinea pigs and rabbits which were administered extract of ginseng root after being poisoned with tetraethyl lead and tricresyl phosphate. Other preparations, such as benzimidazole derivatives, vitamin B12, and anti-cholinesterase drugs have been found to possess the capacity to raise the resistance of the organism to the effects of unfavorable conditions. As yet, however, dibasol is the most effective drug. It is now being widely applied in medical practice, produces no side effects, is inexpensive, and is also effective when administered internally.

On the basis of the data which were obtained in the experiments, the authors say in conclusion that it may be assumed that in the near future it will be possible pharmacologically to raise the resistance of the organism to adverse conditions, such as may be encountered in ocean storms, long distance flights, difficult expeditions, submarine work at considerable depths, and other difficult tasks. (U)

KAREV, K. A., Engineer

Bureau of Interchangeability of the People's Commissariat of Machine Tool Building USSR (-1943-).

"Standards for Consumption of Plane Limit Gages and Fixed Thread Gages", Stanki I Instrument, 14, No. 11-12, 1943.

BR-52059019.

KAREV, K. A., Engineer

Bureau of Interchangeability, NK Machine-Tool Building (-1943-).

"Tolerances for Height, Depth and Slope Gauges; Graduated Gauges and Calibrating Gauges for Them", Stanki I Instrument, 14, No. 3, 1943.

BR-52059019.

KAREV, K. A., Engineer

"Computing the Requirements for Control Gages to Check Flat and Thread Gages During their Operations", Stanki I Instrument, 17, Nos. 2-3, 1946

BR-52059019

KARKV, K.A.

Gauges for metric screw threads with diameters from 0.25 to 0.9 mm. Standartizatsiia24 no.7:33 Jl '60. (MIRA 13:7)
(Gauges--Standards)

KAREV, K.A.

Trapezoidal single thread. Standartizatsiia 25 no.1:48-50 Ja '61. (MIRA 14:3)

(Screw threads, Standard)

KAREV, K.A.

Checking trapezoidal screw thread. Standartizatsiia 27 no.1:45-46 Ja '63. (MIRA 17:4)